(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) EP 2 662 062 A3

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
26.03.2014 Bulletin 2014/13

(43) Date of publication A2:
13.11.2013 Bulletin 2013/46

(21) Application number: **13166067.2**

(22) Date of filing: **30.04.2013**

(51) Int Cl.:
A61G 7/002 *(2006.01)* ***A61G 7/018*** *(2006.01)*
A61G 7/05 *(2006.01)* *A61G 13/12* *(2006.01)*

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

(30) Priority: **10.05.2012 US 201213468424**

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(54) Bed with a powered width expansion wing

(57) A bed (20) comprises a fixed width section (52), a wing (50) movably coupled to the fixed width section, a motor assembly (110) mechanically grounded to one of the fixed width sections and the wing, and a lead screw (126) coupled to the motor assembly and to a lead screw receiver (96) nonmovably associated with the other of the fixed width section and the wing. Operation of a motor (112) is capable of moving the wing between deployed and stored positions. A retrofit kit for upgrading a host bed having manually operable width extension wings comprises a motor assembly (110), a bracket (120 or 140) for mounting the motor assembly to a bed frame, a lead screw set comprising oppositely handed lead screws (126) each attachable to the motor assembly, and a lead screw support bracket set. Each member (82) of the support bracket set is securable to a width extension wing (50) of the host bed and have oppositely handed lead screw receivers (96).

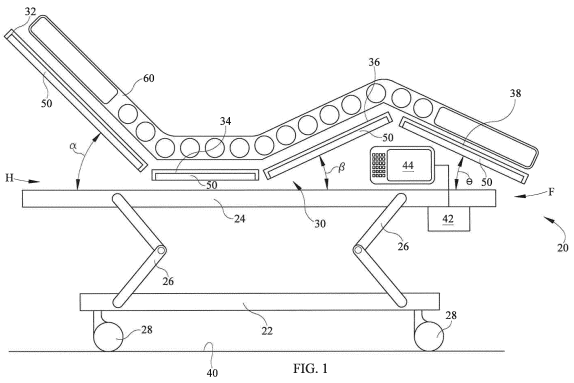


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 13 16 6067

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TECHNICAL FIELDS SEARCHED (IPC)

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	17 February 2014	Birlanga Pérez, J

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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